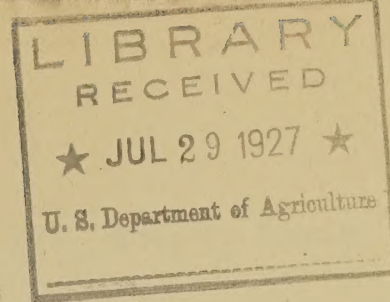


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Ex 6 Bi



B I B L I O G R A P H Y

of

BACILLARY WHITE DIARRHEA INFECTION OF THE FOWL

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July 1, 1927

- Anon.
1907. [White diarrhea.] Ontario Poultry Inst. Ann. Rpt., 2, 1906-7, pp. 36, 52, 54, 58, 65.
- Anon.
1914. Bacillary white diarrhoea. County Agent News Notes, Purdue Univ. Dept. Agr. Ext., pp. 1, 2.
- Anon.
1915. Campaign to eliminate bacillary white diarrhea. Mass. Sta. Circ. 56 (Sept.), folio. (E. S. R., 34, p. 189)
- Anon.
1916. Campaign to eliminate bacillary white diarrhea. Mass. Sta. Circ. 65 (Sept.), folio. (E. S. R., 36, p. 884). A revision of Circ. 56 (E. S. R., 34, p. 189)
- Anon.
1921. White diarrhea tests. N. H. Sta. Bul. 198 (May), p. 22.
- Anon.
[1921.] White diarrhea in chicks. Iowa Agr. Col. Ext. Ser. 1, Suggestion No. 5.
- Anon.
1923. Bacillary white diarrhea of chicks. Lab. of Animal Path. and Hyg. Univ. Ill. Circ. No. 273 (Sept.), pp. [4]. (E. S. R., 50, p. 285)
- Anon.
1924. Bacillary white diarrhea. County Agent News Notes, Purdue Univ. Dept. Agr. Ext. (Oct.), pp. 1, 2.
- Anon.
1925. College makes new record in first year fowl tests. N. J. Agr., 7, No. 2, (Feb.), pp. 3, 4.
- Anon.
1925. [Accrediting poultry.] Poultry Sci., 4, No. 5 (July), pp. 184, 185.
- Anon.
1926. Illinois regulations on bacillary white-diarrhea free accreditation. North Amer. Vet., 7, No. 1 (Jan.), p. 14.
- Anon.
1926. Bacillary white diarrhea control. North Amer. Vet., 7, No. 1 (Jan.), pp. 30-32.
- Anon.
1926. New Jersey testing for white diarrhoea. Amer. Agr., 117, No. 1 (Jan.), p. 495.

- Anon.
1926. Suspects white diarrhea. Ohio Farmer, 157, No. 6 (Feb.), p. 36.
- Anon.
1926. [Bacillary white diarrhea.] In Problems of the poultry practitioner. Vet. Med., 21, No. 2 (Feb.), pp. 62-64.
- Anon.
1926. White diarrhea tests. N. H. Sta. Bul. 221 (Feb.), p. 41.
- Anon.
1926. White diarrhea. In Diseases in poultry. R. I. Sta. Rpt. 1925 (Feb.), pp. 51, 52.
- Anon.
1926. The question of certified and accredited hatcheries. North Amer. Vet., 7, No. 4(Apr.), pp. 13, 14.
- Anon.
1926. [Poultry disease research work.] In Dr. [J. W.] Kalkus receives promotion. Jour. Amer. Vet. Med. Assoc., 69, No. 4 (July), p. 521
- Anon.
1926. [Bacillary white diarrhoea.] North. Ireland Min Agr. Ann. Rpt., 4, 1924-25, p. 34.
- Anon.
1927. Long Island poultrymen fight white diarrhea. Amer. Agr., 119, No. 3 (Jan.), p. 57.
- Anon.
1927. Accredited hatcheries successful. Calif. Cult., 68, No. 2 (Jan.), p. 45.
- Anon.
1927. Incriminates the male as a transmitter of bacillary white diarrhea. North Amer. Vet., 8, No. 1 (Jan.), p. 20.
- Anon.
1927. Bacillary white diarrhea in hens: Ohio Sta. Bul. 402 (Feb.), p. 99.
- Anon.
1927. Bacillary white diarrhoea. From London Times: In Vet. Rec., 7, No. 9, (Feb.), pp. 205, 206.
- Anon.
1927. Increase in accredited flocks and hatcheries. Wallaces' Farmer, 52, No. 6 (Feb.), p. 227.
- Anon.
1927. Need more blood testing research. Poultry Tribune, 33, No. 3 (Mar.), p. 13.

1. The first part of the report deals with the general situation of the country and the progress of the work during the year.

2. The second part contains a detailed account of the various projects and the results achieved.

3. The third part discusses the financial aspects of the work and the resources available.

4. The fourth part deals with the administrative and organizational matters.

5. The fifth part contains the conclusions and recommendations for the future.

6. The sixth part is a summary of the main points of the report.

7. The seventh part is a list of the references used.

8. The eighth part is a list of the names of the persons who have contributed to the work.

9. The ninth part is a list of the names of the persons who have been consulted.

10. The tenth part is a list of the names of the persons who have been interviewed.

- Anon.
1927. The white diarrhea test. Amer. Poultry Jour., 58, No. 4 (Apr.), p. 446.
- Anon.
1927. Is the pullorin test reliable? North Amer. Vet., 8, No. 5 (May), pp. 41, 42.
- Anon.
1927. "Certified" and accredited." New England Homestead, 94, No. 25 (June), pp. 3, 11, 21.
- Anon.
1927. Is the blood test worthwhile? New England Homestead, 94, No. 25 (June), pp. 10, 11.
- Anon.
1927. Bacillary white diarrhea--What to do? North Amer. Vet., 8, No. 7 (July), p. 44.
- Anon.
1927. [Death of poults apparently due to bacillary white diarrhea.] R. I. Sta. Rpt. 1926, p. 46.
- Allen, P. W.
1926. Blood testing as a control measure for bacillary white diarrhea. Tenn. Agr. Col. Ext. Pub. 143 (Sept.), pp. 7, figs. 3.
- Allen, W. H.
1924. Why chicks die. N. J. Stas. Hints to Poultrymen, 12, No. 7 (Apr.), pp. 4.
- Bagué, J.
1921. White diarrhea. P. R. Dept. Agr. and Labor Sta. Circ. 46, Spanish ed., pp. 3, 4. (E. S. R., 46, p. 582)
- Baker, D. D.
1925. Testing chickens for bacillary white diarrhea. Vet. Rec., 20, No. 5, (May), pp. 208-210. (E. S. R., 53, p. 280.)
- Baker, H. R.
1924. Bacillary white diarrhea in poultry. Jour. Amer. Vet. Med. Assoc., 65, No. 3 (June), pp. 349-352. (E. S. R., 51, p. 786)
- Baker, H. R.
1925. Studies on bacillary white diarrhea in poultry in Delaware. Del. Sta. Bul. 139 [Ann. Rpt. 1924] (Jan.), p. 14. (E. S. R., 52, p. 886.)
- Baker, H. R.
1925. Studies on white diarrhea. Del. Sta. Bul. 141 [Ann. Rpt. 1925] (Dec.), p. 9. (E. S. R., 54, p. 674)

[Beach, B. A.]

1926. Results of two years' research work on bacillary white diarrhea of poultry. In Report by W. H. Ellett, secretary of Virginia State Veterinary Medical Association on Jan. 14, 1926. Jour. Amer. Vet. Med. Assoc., 49, No. 1 (Apr.), p. 112.

[Beach, B. A., Gildow, E. M., and Warren, D. M.]

1926. White diarrhea investigations. In Diseases of chickens studies in Wis. Sta. Bul. 388 (Dec.), p. 106.

[Beach, B. A., and Halpin, J. G.]

1924. White diarrhea in poultry. Wis. Sta. Bul. 362 [Ann. Rpt. 1922-23] (Mar.), p. 109.

Beach, B. A., Halpin, J. G., and Lampman, C. E.

1927. Results of white diarrhea investigation. Jour. Amer. Vet. Med. Assoc., 70, No. 5 (Feb.), pp. 605-609.

[Beach, B. A., and Merrick, A. C.]

1927. [White diarrhea of chickens.] In Keep the young stock healthy, by R. Engle. The Ferris Bulletin, Grand Rapids, Mich., (Apr.), pp. 2, 3.

Beach, J. R.

1917. Bacillary white diarrhea or fatal septicemia of chicks and coccidiosis or coccidial enteritis of chicks. Calif. Sta. Circ. 162 (Mar.), pp. 8. (E. S. R., 37, p. 182)

[Beach, J. R.]

1926. [Bacterium pullorum infection.] Calif. Sta. Rpt. 1924-25, pp. 72, 73.

[Beach, J. R.]

- 1926 [Bacillary white diarrhea.] Calif. Sta. Rpt. 1925-26, pp. 91, 92.

Beach, J. R.

1927. Variation in the reactions obtained in repeated agglutination tests of the same fowls with Bacterium pullorum antigen. Hilgardia [Calif. Sta.], 2, No. 15 (Apr.), pp. 529-544.

Beach, J. R., and Davis, D. E.

1927. Acute infection of chicks and chronic infection of the ovaries of hens caused by the fowl-typhoid organism. Hilgardia [Calif. Sta.], 2, No. 12 (Mar.), pp. 411-424.

Beach, J. R., and Freeborn, S. B.

1922. White diarrhoea of chicks. Calif. Sta. Circ. 251 (Aug.), pp. 25, 26. (E. S. R., 48, p. 780)

Beach, J. R., and Freeborn, S. B.

1927. Bacillary white diarrhea of chicks. Calif. Agr. Col. Ext. Circ. 8 (Feb.), pp. 35-39.

Beach, J. R., and Ter-Michaelian, S.

1927. The elimination of cloudy reactions by the use of formalin as a preservative for Bacterium pullorum antigen. Hilgardia [Calif. Sta.], 2, No. 15 (Apr.), pp. 545-553.

Beaudette, F. R.

1923. Single tube method for determining carriers of Bacterium pullorum. Jour. Amer. Vet. Med. Assoc., 64, No. 2 (Nov.), pp. 225-227.

Beaudette, F. R.

1923. Agglutinins for Bacterium pullorum in hens' eggs. Jour. Immunol., 8, No. 6 (Nov.), pp. 493-499. (E. S. R., 51, p. 286)

Beaudette, F. R.

1924. Diseases of baby chicks. N. J. Stas. Hints to Poultrymen, 12, No. 6 (Mar.), pp. 4. (E. S. R., 51, p. 185)

Beaudette, F. R.

1924. A description of the method for collecting blood samples from breeding stock to be tested for "carriers" of bacillary white diarrhea. N. J. Stas. Hints to Poultrymen, 12, No. 9 (June), pp. 4. (E. S. R., 51, p. 586)

Beaudette, F. R.

1925. [White diarrhea.] In Diagnosis of poultry diseases. N. J. Stas. Rpt. 1924 (June), p. 121.

Beaudette, F. R.

1925. Bacillary white diarrhea. Poultry Sci., 4, No. 6 (Aug. Sept.), pp. 205-224; Natl. Poultry Jour., 6, Nos. 280 (Oct. 16), pp. 233, 234; 281 (Oct. 23), pp. 243, 244; 282 (Oct. 30), p. 263; 283 (Nov. 6), p. 281. (E. S. R., 54, p. 74)

Beaudette, F. R.

1925. The possible transmission of fowl typhoid through the egg.--Preliminary report. Jour. Amer. Vet. Med. Assoc., 67, No. 6 (Sept.), pp. 741-745. (E. S. R., 54, p. 579)

Beaudette, F. R.

1926. Eradication of bacillary white diarrhea. N. J. Stas. Hints to Poultrymen, 14, No. 11 (Aug.), pp. 4. (E. S. R., 55, p. 878)

[Beaudette, F. R.]

1926. [Bacillary white diarrhea.] In Report of the department of poultry husbandry. N. J. Stas Rpt. 1925, pp. 199, 200, 202, 203, 206, 209, 210, 211.

- Beaudette, F. R., and Black, J. J.
1926. Bacillary white diarrhea control in New Jersey, 1924-25. N. J. Stas. Bul. 425 (Feb.), pp. 22. (E. S. R., 55, p. 74)
- Beaudette, F. R., Bushnell, L. D., and Payne, L. F.
1923. Study of an organism resembling Bact. pullorum from unabsorbed yolk of chicks dead in shell. Jour. Infect. Diseases, 32, No. 2 (Feb.), pp. 124-132. (E. S. R., 48, p. 883)
- Beaudette, F. R., Bushnell, L. D., and Payne, L. F.
1923. Relation of Bacterium pullorum to hatchability of eggs. Jour. Infect. Diseases, 33, No. 4 (Oct.), pp. 331-337. (E. S. R., 50, p. 685)
- Beller, K.
1926. Bacterielle Kückenruhr (sog. weisse Ruhr) und ihre beziehungen zum hühnertyphus. Arbeiten aus dem reichsgesundheitsamt. 57(Festband -Rec'd.Aug.), pp.462-483.
- Bergey, D. H., et al.
1923. Salmonella pullora. In Bergey's manual of determinative bacteriology. Baltimore: Williams and Wilkins Co., pp. 218, 219.
- Bergey, D. H., et al.
1925. Salmonella pullorum. In Bergey's manual of determinative bacteriology. Baltimore: Williams & Wilkins Co., 2. ed., p. 242.
- Booth, T. O.
1927. Control of bacillary white diarrhea in Texas. North Amer. Vet., 18, No. 3 (Mar.), pp. 60-63.
- Bowers, M. D.
1926. [Certification of poultry flocks.] In With our Maryland farmers. South. Planter, 87, No. 19 (Oct.), p. 29.
- Bransfield, P. E.
1925. Control of bacillary white diarrhoea, 1924-1925. Mass. Sta. Control Ser. Bul. 31 (July), pp. 7. (E. S. R., 53, p. 389)
- Bransfield, P. E.
1926. Control of bacillary white diarrhoea, 1925-1926. Mass. Sta. Control Ser. Bul. 35 (July), pp. 7. (E. S. R., 55, p. 578)
- Brown, C. E.
1919. Artificial v. natural incubation: [Influence on bacillary white diarrhea of chicks]. Minn. Sta., Crookston Substa. Rpt. 1917-18 (Apr.), pp. 84-86. (E. S. R., 42, p. 886)
- Bruynoghe, R.
1919. Le Bacillus typhi gallinarum alcalifaciens. In Au sujet de quelques souches paratyphiques. Compt. Rend. Soc. Biol. [Paris], 82, No. 23 (July), pp. 955-957.

- Brunett, E. L.
1924. Bacillary white diarrhea of chicks. In Poultry diseases. Cornell Vet., 14, No. 2 (Apr.), p. 92. (E. S. R., 53, p. 183)
- Brunett, E. L.
1925. Bacillary white diarrhea: Fatal septicemia of chicks. Cornell Vet., 15, No. 3 (July), pp. 303-314, figs. 8. (E. S. R., 53, p. 889)
- Brunett, E. L.
1925. [Bacillary white diarrhea.] N. Y. State Vet. Col. Rpt. 1923-24, (Feb.-Mar.), pp. 70, 71.
- Brunett, E. L.
1927. Bacillary white diarrhea. N. Y. State Vet. Col. Rpt. 1925-26 (Feb.), pp. 131-145, figs. 8.
- Brunett, E. L., and Bradley, R. C.
1926. Bacillary white diarrhea. N. Y. State Col. Agr., Cornell Univ. Ext. Bul. 148 (Oct.), pp. 7-13, figs. 4. (E. S. R., 56, p. 679)
- Brunett, E. L., and Hendrickson, J. M.
1926. Bacillary white diarrhea. In Report of the diagnostic work on poultry diseases, July 1, 1924, to June 30, 1925. N. Y. State Vet. Col. Rpt. 1924-1925, (Mar.), pp. 39, 40.
- Buchanan, R. E.
1911. Bacillus pullorum. In Veterinary Bacteriology. Philadelphia: W. B. Saunders Co., 1. ed., pp. 277, 278.
- Buchanan, R. E.
1916. Bacillus pullorum. In Veterinary Bacteriology. Philadelphia: W. B. Saunders Co., 2. ed., rev., pp. 331, 332.
- Buchanan, R. E.
1919. Agglutination. Jour. Bact., 4, No. 2 (Mar.), pp. 73-105, figs. 3. [Bibl. of 76 titles incl.]
- Buchanan, R. E., and Murray, C.
1922. Bacterium pullorum. In Veterinary Bacteriology. W. B. Saunders Co., 3. ed., rev., pp. 340-342.
- Buffinton, R. G.
1905. Not the first diarrhea epidemic. Farm Poultry, 16, No. 4 (July 15), p. 345.
- Bunyea, H.
1927. An enzootic salpingitis of pullets, with special reference to Salmonella pullora infection. Jour. Amer. Vet. Med. Assoc., 70, No. 5 (Feb.), pp. 645-651.
- Bushnell, L. D., and Hinshaw, W. R.
1924. Bacillary white diarrhea. Kans. Sta. Circ. 106 (July), pp. 33, 34.

- [Bushnell, L. D., and Hinshaw, W. R.]
1924. [Bacillary white diarrhea.] Kans. Sta. Bien. Rpt. 1922-1924 (Sept.), pp. 124, 125. (E. S. R., 52, p. 484)
- Bushnell, L. D., and Hinshaw, W. R.
1926. Problems arising in the control of bacillary white diarrhea. Poultry Sci., 5, No. 6 (Sept.), pp. 249-256. (E. S. R., 56, p. 575)
- Bushnell, L. D., Hinshaw, W. R., and Payne, L. F.
1926. Bacillary white diarrhea in fowl. Kans. Sta. Tech. Bul. 21 (Nov.), pp. 85, figs. 4. (E. S. R., 56, p. 380)
- [Bushnell, L. D., Hinshaw, W. R., and Payne, L. F.]
1926. [Work on bacillary white diarrhea.] In Poultry disease investigations. Kans. Sta. Bien. Rpt. 1924-26 (Dec.), pp. 122, 123.
- Bushnell, L. D., and Maurer, O.
1913. The use of milk cultures of B. bulgaricus in the prevention and treatment of bacillary white diarrhea of young chicks. Amer. Vet. Rev., 44, No. 2 (Nov.), pp. 194-207. (E. S. R., 30, p. 286)
- Bushnell, L. D., and Patton, J. W.
1925. The use of vaccines in poultry diseases. Poultry Sci., 4, No. 2 (Jan.), pp. 64-73. (E. S. R., 54, p. 74)
- Canfield, H.
1925. The effects of bacillary white diarrhea: Experiments show heavy losses from this disease in poultry flocks. Mich. Sta. Quart. Bul., 8, No. 1 (Aug.), pp. 31, 32. (E. S. R., 53, p. 787)
- Clark, G. L.
1925. Bacillary white diarrhea. Vet. Med., 20, No. 6 (June), p. 280.
- Conn, H. W., and Conn, H. J.
1926. White diarrhoea of chicks. In Bacteriology. Baltimore: Williams & Wilkins Co., 3. ed., pp. 370, 371.
- Craig, R. A.
1927. The control of bacillary white diarrhea. U. S. Livestock Sanit. Assoc. Rpt., 30 (Feb.-Mar.), pp. 230-234; Jour. Amer. Vet. Med. Assoc., 70, No. 6 (Mar.), pp. 916-920.
- Curtice, C.
1902. Fowl typhoid. R. I. Sta. Bul. 87, pp. 3-10. (E. S. R., 14, p. 818)
- D., M. B.
1926. Risk from white diarrhoea. Rural New-Yorker, 85, No. 4923 (Oct.), p. 1417.
- D., M. B.
1927. Infected hens. Rural New Yorker, 86, No. 4938 (Feb. 12), p. 265.

Dakan, E. L.

1925. The new poultry A. B. C's: Ohio should have accredited baby chicks. Ohio Farmer, 155, No. 3 (Jan. 17), pp. 20, 21.

Dakan, E. L.

1926. Why chicks die--Chick Talk--I. White diarrhea not to blame for all chick losses. Ohio Farmer, 157, No. 15 (Apr.), p. 3.

Dalling, T.

1927. B. W. B.--Diagnosis of the "carrier" fowl. In Divisional reports. Vet. Rec., 7, No. 9 (Feb.), p. 198.

Dalling, T.

1927. Bacillary white diarrhea in fowls. Vet. Rec., 7, No. 21 (May 21), pp. 453, 454.

Damon, S. R., and Leiter, L. W.

1927. The possibility of human infection and intoxication by certain organisms of the salmonella group.--I, Rate and extent of growth and physical changes produced in foods by Bacillus suipestifer, Bacillus pestis caviae, Bacillus sanguinarium and Bacillus anatum. Amer. Jour. Hyg., 7, No. 1 (Jan.), pp. 27-39.

DeBlicke, L.

1926. Bacillary white diarrhoea. In Discussion on Captain Rice's Congress paper--The more important bacterial and protozoal diseases of poultry. Vet. Rec., 6, No. 36 (Sept.), pp. 799, 800.

Dinsmore, C. L.

1927. Defends poultry work. New England Homestead, 94, No. 5 (Jan.), p. 19.

Doyle, L. P.

1922. Bacillary white diarrhea in chicks. Purdue Univ. Dept. Agr. Ext. Leaflet 73, rev. ed., pp. 4, figs. 3.

Doyle, T. M.

1925. Bacillary white diarrhoea of chicks. Jour. Compar. Path. and Ther., 38, No. 4 (Dec.), pp. 266-282. (E. S. R., 55, p. 74)

Doyle, T. M.

1926. The method of transmission of avian typhoid. Jour. Compar. Path. and Ther., 39, No. 2 (June), pp. 137-140. (E. S. R., 55, p. 679)

Doyle, T. M.

1926. Bacillary white diarrhoea of chicks. Jour. Min. Agr. [Gt. Brit.] 33, No. 6 (Sept.), pp. 517-526, pl. 1. (E. S. R., 55, p. 578)

Dryden, J.

1908. Incubation experiments. Oreg. Sta. Bul. 100 (Aug.), pp. 32. (E. S. R., 20, p. 472)

Durant, A. J.

1920. White diarrhea in chickens. Mo. Agr. Col. Ext. Circ. 85 (Aug.), pp. 4, fig. 1.

Edington, J. W.

1924. The bacteriological study of fowl typhoid and allied infections, with special reference to three epidemics. Jour. Path. and Bact., 27, No. 4 (Oct.), pp. 427-437. (E. S. R., 52, p. 782)

Elford, E.

1926. Para-typhoid infections [and] report of serological examinations. Canada Expt. Farms, Poultry Div. Rpt. 1925, p. 55-58.

Embleton, H.

1925. Bacillary white diarrhoea. Ariz. Sta. Timely Hints for Farmers, No. 153 (Nov.), pp. 8, 9. (E. S. R., 54, p. 578)

Eriksen, S.

- [1924] [Bacillary white diarrhea.] In Mo. State Poultry Assoc. Year Book 1923. Mountain Grove: Mo. State Poultry Assoc. pp. 31-36. (E. S. R., 53, p. 680)

[Eriksen, S.]

1925. Diseases of chicks:--Bacillary white diarrhea. Avian Path. [Mo. Poultry Sta.], 2, No. 4 (Feb.), pp. 9, 10.

Eriksen, S.

1925. Bacillary white diarrhea eradication demonstration. Avian Path. [Mo. Poultry Sta.], 2, No. 8 (Sept.), p. 23. (E. S. R., 54, p. 175)

Eriksen, S.

1926. [White diarrhea.] In Report of the Department of Pathology and Hygiene. Mo. State Poultry Assoc. Year Book 1925, pp. 24, 25.

Feldman, W. H.

1925. Bacillary white diarrhea. In Recent progress in medical science. Jour. Amer. Vet. Med. Assoc., 68, No. 3 (Dec.), pp. 348, 349.

Ferguson, C. M., and Ure, R. D.

1923. [Bacillary white diarrhea.] Mich. Sta. Rpt. 1923, p. 328.

Fitch,

1926. Facts about bacillary white diarrhea worth repeating. North Amer. Vet., 7, No. 2 (Feb.), pp. 48, 49.

Fleming, A., and Allison, V. D.

1924. On the antibacterial power of egg-white. Lancet, 206, No. 5261 (June), pp. 1303-1307, figs. 2.

Foss, G. E.

1905. White diarrhea and natural methods. Farm Poultry, 16, No. 12 (June 15), p. 307.

Frateur and Maldague

1913. L'epidémie des elevages de Poussins. Ann. Med. Vet. 62, No. 10 (Oct.), pp. 565-568.

Fuller, J. W.

1924. The intradermal test for detecting fowls carrying Bacterium pullorum.
N. Y. State Vet. Col. Rpt. 1922-23 (Feb.-Mar.), pp. 59-61.

Gage, G. E.

1911. Notes on ovarian infection with Bacterium pullorum (Rettger) in the
domestic fowl. Jour. Med. Research, 24, No. 3 (June), pp. 491-496.
(E. S. R., 25, p. 888)

Gage, G. E.

1922. Control of bacillary white diarrhea, 1920-21. Mass. Sta. Control
Ser. Bul. 18 (Mar.), pp. 8. (E. S. R., 47, p. 789)

Gage, G. E.

1922. Concerning the diagnosis of Bacterium pullorum infection in the
domestic fowl. Mass. Sta. Tech. Bul. 5 (Aug.), pp. 61-88.
(E. S. R., 48, p. 382)

Gage, G. E., and Flint, O. S.

1922. Control of bacillary white diarrhea, 1921-22. Mass. Sta. Control Ser.
Bul. 22 (Dec.), pp. 3-8. (E. S. R., 48, p. 778)

Gage, G. E., and Flint, O. S.

1923. Control of bacillary white diarrhea, 1922-23. Mass. Sta. Control
Ser. Bul. 23 (Sept.), pp. 10. (E. S. R., 50, p. 383)

Gage, G. E., and Flint, O. S.

1924. Control of bacillary white diarrhoea, 1923-24. Mass. Sta. Control
Ser. Bul. 27 (July), pp. 8. (E. S. R., 52, p. 484)

Gage, G. E., and Martin, J. F.

1916. Notes on the histopathology of the intestines of young chicks
infected with Bacterium pullorum. Jour. Med. Research, 34, No. 2
(May), pp. 149-155. (E. S. R., 36, p. 281)

Gage, G. E., and Paige, B. H.

1915. Bacillary white diarrhea (Bacterium pullorum infection) in young
chicks in Massachusetts. Mass. Sta. Bul. 163 (Aug.), pp.
48, pls. 3, fig. 1. (E. S. R., 34, p. 387)

Gage, G. E., Paige, B. H., and Hyland, H. W.

1914. On the diagnosis of infection with Bacterium pullorum in the domestic
fowl. Mass. Sta. Bul. 148 (Apr.), pp. 36. (E. S. R., 31, p. 683)

Gifford, E. G.

1905. White diarrhea in incubator chicks. Farm Poultry, 16, No. 10 (May 15),
p. 269.

[Gildow, E. M.]

1927. Testing pullets for white diarrhea. N. H. Sta. Bul. 227 (Feb.), p. 43.

Goldberg, S. A.

1917. A study of the fermenting properties of Bacterium pullorum (Rettger) and Bacterium sanguinarium (Moore). Jour. Amer. Vet. Med. Assoc., 51, No. 2 (May), pp. 203-210; N. Y. State Vet. Col. Rpt. 1915-16 (May), pp. 283-293. (E. S. R., 37, p. 483)

Goodner, K., and May, H. G.

1927. The production of gas by Salmonella pullorum. R. I. Sta. Bul. 208 (May), pp. 11, fig. 1.

Goss, L. W.

1926. Diseases of little chickens. Vet. Alumni Quart., 13, No. 4 (Mar.), pp. 120-122.

Graham, C. K.

1906. Poultry observations.--I, Causes of death of young chicks. Conn. Storrs Sta. Bul. 44 (Nov.), pp. 25-28. (E. S. R., 18, p. 975)

[Graham, R., Boughton, I. B., and Tunnicliff, E. A.]

1925. Blood test aids control of chick disease. Ill. Sta. Rpt. 1924, pp. 87,88. (E. S. R., 54, p. 380)

Graham, R., and Tunnicliff, E. A.

1926. Bacillary white diarrhea. In Univ. Ill. Col. Agr., Proj. of Expt. Sta. 1926-27 (June), p. 72.

Graham, R., and Tunnicliff, E. A.

1927. Studies in the diagnosis of bacillary white diarrhea. Jour. Amer. Vet. Med. Assoc., 70, No. 5 (Feb.), pp. 612-627, figs. 3.

[Graham, R., and Tunnicliff, E. A.]

1927. Thirty flocks free of dreaded chick disease. Ill. Sta. Rpt. 1925-26, pp. 76, 77.

Graham, R., Tunnicliff, E. A., and Frank, E. R.

1925. Bacillary white diarrhea. In Univ. Ill. Col. Agr., Proj. of Expt. Sta., 1925-26 (June), p. 70.

Graham, R., Tunnicliff, E. A., and Frank, E. R.

1926. Bacillary white diarrhea decreasing slightly. Ill. Sta. Rpt. 1924-25, pp. 84-87.

Graham, W. R.

1904. White diarrhoea in brooder chicks. Farm Poultry, 15, No. 11 (June), p. 252.

Graham, W. R.

1908. General symptoms of what is commonly called white diarrhoea in young chicks. In Ontario Dept. Agr. Bul. 163 (Mar.), pp. 10, 11. (E. S. R., 19, p. 1173)

Gwatkin, R.

1925. Bacillary white diarrhea in chicks and Salmonella pullora infection in adult fowl. In Ontario Vet. Col. Rpt. 1924, pp. 68-70. (E. S. R., 53, p. 278; 55, p. 578)

Gwatkin, R.

1926. Some notes on Salmonella pullora infection. Ontario Vet. Col. Rpt. 1925, pp. 44-64, figs. 2. (E. S. R., 55, p. 680)

Gwatkin, R.

1927. Salmonella pullora infections. Ontario Vet. Col. Rpt. 1926, pp. 39-48.

Gwatkin, R.

1927. Bacteriophage experiments. Ontario Vet. Col. Rpt. 1926, pp. 48-58.

Gwatkin, R.

1927. Some experiments on the disinfection of eggs and incubators. Ontario Vet. Col. Rpt. 1926, pp. 58-65.

H., E. A. (Montana)

1905. White diarrhea in brooder chicks. Farm Poultry, 16, No. 9 (May), p. 256.

Hadley, P. B.

1909. White diarrhea of chicks. Roup of fowls. Centbl. Bakt. [etc.], 1, Abt., Orig., 50, No. 3, (May), pp. 348-353; Science, 29, No. 756, 1006-1008. (E. S. R., 21, p. 387)

Hadley, P. B.

1917. A plea for the standardization of reports of agglutination tests. Jour. Immunol., 2, No. 5 (Aug.), pp. 463-467. (E. S. R., 38, p. 78)

Hadley, P. [B.]

1918. Regarding limitations in the interpretation of positive agglutination tests of Bacterium pullorum infections. Jour. Amer. Assoc., Instr. and Invest. Poultry Husb., 4, No. 6 (Mar.), pp. 42-44. (E. S. R., 39, p. 791)

[Hadley, P. B.]

1924. [White diarrhea.] R. I. Sta. Rpt. 1923 (Feb), p. 12.

Hadley, P. B., Caldwell, D. W., Elkins, M. W., and Lambert, D. J.

1917. Infections caused by Bacterium pullorum in adult fowls. R. I. Sta. Bul. 172 (Nov.), pp. 3-40. (E. S. R., 38, p. 889)

Hadley, P. [B.], Caldwell, D. W., and Heath, B. M.

1919. Bacteriological notes.--I, Gas production by Bact. pullorum, II, Bact. pullorum infections in adult birds, III, Relation between sucrose-fermentation and immunizing power by A. avisepticus. Jour. Bact., 4, No. 1 [Jan.], pp. 65-69. (E. S. R., 40, p. 881)

Hadley, P. [B.], Elkins, M. W., and Caldwell, D. W.

1918. The colon-typhoid intermediates as causative agents of disease in birds.--I, The paratyphoid bacteria. R. I. Sta. Bul. 174 (May), pp. IV + 216. (E. S. R., 40, p. 685)

- Hadley, P. B., and Kirkpatrick, W. F.
1909. Further investigation upon white diarrhea of chicks. Successful Poultry Jour., 14, No. 4 (Oct.), pp. 18, 19. (E. S. R., 21, p. 792)
- Hebrant and Antoine
1913. Sur les causes de la grande mortalité des poussins observee cette annee en Belgique. Ann. Med. Vet., 62, No. 7 (July), pp. 369-384.
- Hendrickson, J. M.
1927. The differentiation of Bact. pullorum (Rettger) and Bact. sanguinarium (Moore). Jour. Amer. Vet. Med. Assoc., 70, No. 5 (Feb.), pp. 629-644; N. Y. State Vet. Col. Rpt. 1925-26, Feb. pp. 146-172.
- Hendrickson, J. M.
1927. Bacillary white diarrhea. In Report of the poultry disease diagnostic laboratory at Farmingdale, Long Island, July 1, 1925, to June 30, 1926. N. Y. State Vet. Col. Rpt. 1925-26, (Feb.), pp. 55, 56.
- [Higgins, C. H.]
1908. White diarrhoea of young chicks. In Canada Expt. Farm Rpts. 1907 [Mar.], pp. 262, 263. (E. S. R., 21, p. 399)
- Higgins, C. H.
1912. [Bacillary white diarrhea.] Amer. Vet. Med. Assoc. Proc., 49, p. 389.
- Hinshaw, W. R.
1925. Control of bacillary white diarrhea. North Amer. Vet., 6, No. 11 (Nov.), pp. 31-34. (E. S. R., 54, p. 279)
- Hinshaw, W. R., Upp, C. W., and Moore, J. M.
1926. Studies in transmission of bacillary white diarrhea in incubators. Jour. Amer. Vet. Med. Assoc., 68, No. 5 (Feb.), pp. 631-641; U. S. Live Stock Sanit. Assoc. Rpt., 29 (Feb.), pp. 188-191. (E. S. R., 55, p. 374)
- Hitchner, E. R.
1923. The macroscopic agglutination test as influenced by the fatty content of the blood serum. Jour. Amer. Vet. Med. Assoc., 63, No. 6 (Sept.), pp. 759-763. (E. S. R., 51, p. 384)
- Hitchner, E. R., and Russell, F. L.
1926. Four years' progress in the control and eradication of bacillary white diarrhea in Maine. Poultry Sci., 5, No. 3 (Feb.-Mar.), pp. 117-120, figs. 2) (E. S. R., 56, p. 778)
- Hooker, W. A.
1926. Investigations on bacillary white diarrhea infection of fowls. U. S. Dept. Agr., Off. Expt. Stas., Rpt. Agr. Expt. Stas., 1925 (Oct.), pp. 95-130. (E. S. R., 55, p. 877)
- Horton, G. D.
1914. Sulphocarbolates in the treatment of white diarrhea (bacillary form) of young chicks. Amer. Vet. Rev., 46, No. 3 (Dec.), pp. 321, 322. (E. S. R., 32, p. 380)

Horton, G. D.

1916. Apparent recovery of a hen infected with bacillary white diarrhea as determined by the macroscopic agglutination test. Jour. Bact., 1, No. 6 (Nov.), pp. 625, 626. (E. S. R., 37, p. 280)

Hutyra, F., and Marek, J.

1912. White diarrhea of chicks. In Special Pathology and Therapeutics of the Diseases of Domestic Animals. Chicago: Alexander Eger, 1. Amer. ed. (from 3. rev. and enl. Ger. ed.), vol. 1, p. 100.

Hutyra, F., and Marek, J.

1916. Bacillary white diarrhea of chicks. In Special Pathology and Therapeutics of the Diseases of Domestic Animals. Chicago: Alexander Eger, 2. Amer. ed. (from 4. rev. and enl. Ger. ed.), vol. 1, p. 107.

Hutyra, F. v., and Marek, J.

1922. Bazilläre weisse ruhr der küchlein. In Spezielle Pathologie und Therapie der Haustiere. Jena: Gustav Fischer, 6. ed., rev. and enl., vol. 1, p. 116.

Hutyra, F., and Marek, J.

1926. Bacillary white diarrhea of chicks (White scour, fatal septicemia of chickens). In Special Pathology and Therapeutics of the Diseases of Domestic Animals. Chicago: Alexander Eger, 3. Amer. ed. (from 6. rev. and enl. Ger. ed.), vol. 1, p. 124.

Ingalls, H. R.

1907. A "white diarrhea" theory. Farm Poultry, 18, No. 11 (June), p. 279.

Johnson, W. T.

1924. Contagious white diarrhea. Western Wash. Sta. Bimo. Bul. 11, No. 6, (Mar.) pp. 124-127. (E. S. R., 51, p. 96)

Jones, F. S.

1911. Fatal septicaemia of bacillary white diarrhea in young chickens. N. Y. State Vet. Col. Rpt. 1909-10 (Feb.), pp. 111-129.

Jones, F. S.

1912. Further studies on bacillary white diarrhea in young chickens. N. Y. State Vet. Col. Rpt. 1910-11 (Feb.), pp. 69-88.

Jones, F. S.

1913. An outbreak of an acute disease in adult fowls due to Bacterium pullorum. N. Y. State Vet. Col. Rpt. 1911-12 (Jan.), pp. 140-148; Jour. Med. Research, 27, No. 4. (Mar.), pp. 471-479. (E. S. R., 28, p. 887)

Jones, F. S.

1913. The value of the macroscopic agglutination test in detecting fowls that are harboring Bacterium pullorum. N. Y. State Vet. Col. Rpt. 1911-12 (Jan.), pp. 149-158; Jour. Med. Research, 27, No. 4 (Mar.), pp. 481-495. (E. S. R., 28, p. 887)

- Jones, F. S.
1913. Bacillary white diarrhea in chickens. Proc. Amer. Vet. Med. Assoc.
[Aug.] pp. 379-388.
- Jones, R.
1915. Practical application of the agglutination test. Jour. Amer. Assoc.
Instr. and Invest. Poultry Husb., 2, No. 3 (Dec.), pp. 22, 23.
- Jones, R. E.
1917. Practical application of the agglutination test. Jour. Amer. Assoc.
Instr. and Invest. Poultry Husb., 3, No. 8 (May), pp. 63, 64.
- Jones, R. E.
1924. Bacillary white diarrhoea. Conn. Agr. Col. Ext. Bul., 78 (Aug.),
pp. 4.
- Jorgenson, G. E.
1924. Bacillus acidophilus and immune serum in bacillary white diarrhea of
chicks. North Amer. Vet., 5, No. 2 (Feb.), pp. 63-65.
(E. S. R., 50, p. 884.)
- [Jull, M. A.]
1925. Control of bacillary white diarrhea. [Questionnaire]. Compiled by
Poultry Office, Animal Husbandry Division, U. S. D. A. Bureau
of Animal Industry [July], pp. 10 (Mimeographed).
- [Jull, M. A.]
1925. A uniform plan of accreditation and certification of poultry as
adopted at the standardization conference held at Manhattan, Kans.,
Aug. 10-11, 1925. U. S. D. A. Bureau of Animal Industry [July],
pp. 3 (Mimeographed).
- Jull, M. A.
1925. Poultry problems discussed. Mich. Farmer, 165, No. 20 (Nov. 14),
p. 23.
- [Jull, M. A., et al.]
1927. A standard breeding plan for the poultry industry of the United
States: Including accreditation, certification, and record
of performance and providing for disease eradication. pp. 12.
[Mimeographed. Rec'd in Feb.]
- Kaupp, B. F.
1912. White diarrhoea. Colo. Sta. Bul. 185 (Sept.), pp. 19-21.
- Kaupp, B. F.
1914. White diarrhea. In Poultry Diseases and Their Treatment. Chicago:
Amer. Jour. Vet. Med., pp. 93-99.
- Kaupp, B. F.
1915. White diarrhea. N. C. Sta. Bul. 233, pp. 13, 14.

Kaupp, B. F.

1916. Some further studies of chick mortality. N. C. Sta. Bul. 235
pp. 3-11, 15. (E. S. R., 34, p. 881)

Kaupp, B. F.

1917. White diarrhea. In Poultry Diseases. Chicago: Amer. Vet. Pub. Co.,
2. ed., rev. and enl., pp. 119-124.

Kaupp, B. F.

1922. Bacillary white diarrhea. In Poultry Diseases. Chicago: Alexander
Eger, 3. ed., rev. and enl., pp. 173-176.

Kaupp, B. F.

1924. [Effect of lactic acid on disease-producing germs of fowls.] N. C.
Sta. Rpt. 1924, p. 64. (E. S. R., 53, p. 786)

Kaupp, B. F.

1927. Bacillary white diarrhea. In Poultry Diseases. Chicago: Alexander
Eger, 4. ed., rev. and enl., pp. 199-202.

Kaupp, B. F., and Dearstyne, R. S.

1923. Diarrhea of chicks. N. Ca. Agr. Sta. Rpt. 1923, p. 69.

Kaupp, B. F., and Dearstyne, R. S.

1925. Fowl typhoid and fowl cholera. N. C. Sta. Tech. Bul. 27 (July), pp. 82.
(E. S. R., 54, p. 176)

Kaupp, B. F., and Dearstyne, R. S.

1925. The effects of lactic acid on B. pullorum, B. avisepticus, and B. sanguinarium, and its possible rôle in the control of intestinal diseases of poultry. Poultry Sci., 4, No. 6 (Sept.), pp. 242-249. (E. S. R., 54, p. 175)

Kaupp, B. F., and Dearstyne, R. S.

1925. Bacillary white diarrhea. In Common diseases of poultry. N. C. Agr.
Col. Ext. Circ. 154 (Dec.), pp. 5, 6.

Kaupp, B. F., and Dearstyne, R. S.

1927. A study of bacillary white diarrhea under Southern conditions.
N. C. Sta. Rpt. 1926, pp. 76, 77.

Kaupp, B. F., and Dearstyne, R. S.

1927. Bacillary white diarrhea. N. C. Sta. Tech. Bul. 29 (June), pp. 47,
figs. 17.

Klein, E.

1889. Über eine epidemische krankheit der hühner verursacht durch einen
Bacillus--Bacillus gallinarum. Centbl. Bakt. [etc.], 5, No. 21
(May 17), pp. 688-693.

Knight, E.

1924. Blood agglutination tests on adult fowls in respect of "bacillary
white diarrhoea" or infectious septicaemia of young chicks.
Jour. Path. and Bact., 27, No. 3 (July), pp. 231, 232.
(E. S. R., 53, p. 82)

Konno, T.

1925. Bacillary white diarrhea of young chicks in Japan. Jour. Japan Soc. Vet. Sci., 4, No. 3 (Sept.), pp. 273-288. (E. S. R., 55, p. 578)

Krumwiede, C., Jr., and Kohn, L. A.

1917. Studies on the paratyphoid-enteritidis group.--IV, The differentiation of the members of the paratyphoid-enteritidis group from B. typhosus, with special reference to the anaerogenic strains and observations on the fermentative characteristics of the avian types. Jour. Med. Research, 36, No. 3 (July), pp. 509-518. (E. S. R., 37, p. 690)

Laird, F. A.

1926. Bacillary white diarrhea: Practitioners make agglutination tests. Jour. Amer. Vet. Med. Assoc., 49, No. 6 (Sept.), pp. 719-721.

Laird, F. A.

1927. Accrediting flocks in Illinois. Vet. Med., 22, No. 1 (Jan.), p. 17.

Lewis, H. R.

1921. Control of bacillary white diarrhea. N. J. Stas. Rpt. 1920, pp. 127-131. (E. S. R., 46, p. 584)

Lewis, H. R.

1921. Contagious white diarrhoea. In Productive Poultry Husbandry. Philadelphia and London: J. B. Lippincott Co., 4. ed., rev. and enl., pp. 364, 365.

Leynen,

1927. La diarrhée blanche bacillaire en Belgique. Ann. Méd. Vét., 72, No. 5 (May), pp. 193-224, pls. 2.

Lisse, M. W.

1926. The relationship between the amount of electrical charge and the agglutination capacity of bacteria [*Salmonella pullora*]. Pa. Sta. Bul. 204 (July), p. 6.

Lohman, A. W.

1927. White diarrhea testing. New England Homestead, 94, No. 10 (Mar.), p. 46.

Lucet,

1895. Sur une nouvelle entérite diarrhéique enzootique des poules. Rec. de Med. Vet., 72, No. 5 (Mar. 15), pp. 156-166.

Lunn, A. G.

1917. Bacillary white diarrhea. Jour. Mass. Poultry Soc., 1, No. 2 (Jan.), pp. 13-15. (E. S. R., 38, p. 689)

Lytle, W. H.

1927. Bacillary white diarrhea in poultry. Vet. Med., 22, No. 7 (July), p. 296.

Mallmann, W. L.

1925. Bacterium pullorum studies. Mich. Sta. Tech. Bul. 68 (Oct.), pp. 29.
(E. S. R., 54, p. 578)

Mallmann, W. L.

1926. [Bacteriophage active against Bacterium pullorum.] Mich. Sta. Rpt.
1925, p. 207.

Martinaglia, G.

1927. Bacillary white diarrhoea of chickens. Farming in South Africa, 1,
No. 12 (Mar.), pp. 447, 448.

Mathews, F. P.

1926. Obscured reactions in the agglutination test for bacillary white
diarrhea. Jour. Immunol., 11, No. 6 (June), pp. 499-504, fig. 1.
(E. S. R., 55, p. 275)

Mathews, F. P.

1926. The agglutinative and antigenic properties of Salmonella pullora and
Eberthella sanguinaria. Jour. Amer. Vet. Med. Assoc., 69, No. 3
(June), pp. 370-375, fig. 1.

May, H. G.

1924. The examination of eggs from infected and immunized hens, with germicidal
tests on albumen and blood serum. R. I. Expt. Sta. Bul. 197 (May),
pp. 47. (E. S. R., 51, p. 883)

May, H. G., and Goodner, K.

1926. Comparative studies on Salmonella gallinarum and Salmonella pullorum.
R. I. Sta. Bul. 204 (May), pp. 4-29. (E. S. R., 55, p. 275).

May, H. G., and Goodner, K.

1927. Cultural and antigenic studies on Salmonella gallinarum and Salmonella pullorum. Jour. Bact., 13, No. 2 (Feb.), pp. 129-146.

May, H. G., and Segelin, H. E.

1926. The effect of chemicals in the control of poultry diseases.--I,
Preliminary experiments with bacillary white diarrhea. Poultry Sci.,
6, No. 1 (Nov.), pp. 36-41. (E. S. R., 56, p. 574)

May, H. G., and Tibbetts, H. A. M.

1923. The colon-typhoid intermediates as causative agents of disease in
birds.--II, Atypical organisms. R. I. Sta. Bul. 191 (Jan.), pp.
3-42. (E. S. R., 49, p. 81)

McCulloch, C.

1925. White diarrhea. South. Planter, 86, No. 20 (Oct. 15), pp. 21, 22, 23.

Merrill, L. S.

1925. White diarrhea testing. Me. Agr. Col. Ext. Bul. 150 (Feb.), p. 49.

- Milks, H. J.
1908. A bacterial disease of young chicks. In Louisiana Sta. Bul. 109(Aug.), pp. 8-11. (E. S. R., 20, p. 583)
- [Miller, G.]
1927. The economics of poultry. In Poultry facts gleaned at Farmers' Week. Ohio Farmer, 159, No. 8 (Feb.), p. 10.
- Mitchell, H. A.
1926. Bacillary white diarrhea. Natl. Poultry Jour., 6, Nos. 297 (Feb. 12), p. 469; 298 (Feb. 19), pp. 486-488.
- Mohler, J. R.
1927. [Bacillary white diarrhea.] In Address of the president. U. S. Live-stock Sanit. Assoc. Rpt., 30 (Feb.-Mar.), pp. 30, 31.
- Moore, P.
1927. Almost 35,000 fowls banded and accredited for season. The News Letter, Univ. of Idaho, 13, No. 4 (Feb.), p. 8.
- Moore, V. A.
1897. Infectious leukaemia in fowls, a bacterial disease frequently mistaken for fowl cholera. U. S. Dept. Agr., Bur. Anim. Indus. Rpt. 1895-96, pp. 185-205. (E. S. R., 9, p. 890)
- Moore, V. A.
1926. [Bacillary white diarrhea.] In Growth of veterinary science and the application of new knowledge. Cornell Vet., 16, No. 2 (Apr.), p. 77.
- Moore, V. A.
1927. [The agglutination test as a diagnostic agent in bacillary white diarrhea of chickens.] In Growth of veterinary science and the application of new knowledge. N. Y. State Vet. Col. Rpt. 1925-26, (Feb.), pp. 188-193.
- Morse, G. B.
1908. White diarrhea of chicks with notes on coccidiosis in birds. U. S. Dept. Agr. Bur. Anim. Indus. Circ. 128, pp. 7. (E. S. R., 19, p. 988)
- Morse, G. B.
1909. Diseases of poultry with special reference to liver disease and what is commonly called "white diarrhoea." Ontario Poultry Inst. Ann. Rpt., 4, pp. 21-34.
- Morse, G. B.
1909. So-called white diarrhea of chicks. Rel. Poultry Jour., 16, No. 5 (July), pp. 570, 571, 593-597. (E. S. R., 21 p. 587)
- Morse, G. B.
1910. Bacterial enteritis. W. Va. State Bd. Agr. Rpt. Quart. (Sept. 30), p. 23.

- Muslow, F. W.
1919. A comparative study of B. pullorum and B. sanguinarium. Jour. Infect. Diseases, 25, No. 2 (Aug.), pp. 135-162. (E. S. R., 41, p. 580)
- Murray, C.
1927. [Bacillary white diarrhea.] In Prevent chick diseases. Wallaces' Farmer, 52, No. 15 (Apr. 15), p. 602.
- Nekamura, N.
1922. Investigation on a diarrhea in young chicks in Japan. Jour. Japan. Soc. Vet. Sci., 1, No. 2 (June), pp. 93-99, pl. 1; Vet. Lab. Nishigahara, Tokyo, Ann. Rpt. 1925, pp. 13-20. (E. S. R., 56, p. 679)
- Newsom, I. E.
1924. Bacillary white diarrhoea of chicks. Colo. Sta. [Bul.] 293 (Sept.), pp. 8, figs. 4. (E.S.R., 52, p. 285)
- Panisset, L. and Verge, J.
1924. Sur une epizootie de diarrhee blanche bacillaire des poussins. Rev.Gén. Méd. Vét., 33, No.385, Jan. pp.19-21.
- Pearl, R., Surface, F. M., and Curtis, M. R.
1911. Bacillary white diarrhea. In Poultry diseases and their treatment. Me. Sta.[Doc.] 398 (Feb.), pp. 186-192. (E. S. R., 25, p. 387)
- Pearl, R., Surface, F. M., and Curtis, M. R.
1915. Bacillary white diarrhea. In Diseases of Poultry. New York: Macmillan Co., pp. 287-300.
- Pernot, E. F.
1908. An investigation of the mortality of incubator chicks. Oreg. Sta. Bul. 103 (Dec.), pp. 3-16. (E. S. R., 21, p. 685)
- Pfeiler and Rehse
1913. Bacillus typhi gallinarum alcalifaciens und die durch ihn verursachte hühnerseuche. Mitt. a. d. Int. für Landwirtsch. in Bromberg. 5, No.4(Mar.), pp. 306-321. (E.S.R. 30, p.385).
- Platt, F. L.
1911. How to prevent and cure white diarrhea in chickens. Rel. Poultry Jour., 17, No. 11 (Jan.), pp. 1154-1168. (E. S. R., 24, p. 788)
- Pyle, N. J.
1926. The bacteriophage in relation to Salmonella pullora infection in the domestic fowl. Jour. Bact., 12, No. 4 (July), pp. 245-261, pl. 1. (E. S. R., 56, p. 575)
- R., W. D.
1906. White diarrhea in chicks. Farm Poultry, 17, No. 10 (May 15), p. 278.
- Rebrassier, R. E.
1926. Studies of Salmonella pullora. Jour. Amer. Vet. Med. Assoc., 68, No. 5 (Feb.), pp. 603-621. (E. S. R., 55, p. 375)

- Rettger, L. F.
1900. Septicaemia among young chickens. N. Y. Med. Jour., 71, No. 4 (May), pp. 803-805.
- Rettger, L. F.
1901. Fatal septicaemia in young chickens. N. Y. Med. Jour., 73, No. 7 (Feb.), pp. 267, 268.
- Rettger, L. F.
1909. Further studies on fatal septicaemia in young chickens, or "White diarrhea." Jour. Med. Research, 21, No. 1 (July), pp. 115-123. (E. S. R., 21, p. 586)
- Rettger, L. F.
1910. White diarrhea in chicks. Amer. Poultry World, 1, No. 3 (Jan.), pp. 160, 213. (E. S. R., 24, p. 486)
- Rettger, L. F.
1911. Bacillary white diarrhea of young chicks. Abs. in Science, 33, No. 849 (Apr.), pp. 547, 548. (E. S. R., 25, p. 292)
- Rettger, L. F.
1914. Ovarian infection in the domestic fowl and direct transmission of disease to the offspring. Jour. Expt. Med., 19, No. 6 (June), pp. 552-561. (E. S. R., 31, p. 484)
- Rettger, L. F.
1916. Occurrence and significance of Bacterium pullorum in eggs. Jour. Amer. Assoc. Instr. and Invest. Poultry Husb., 2, No. 8 (May), pp. 62, 63.
- Rettger, L. F.
1927. Bacillary white diarrhea. Amer. Poultry Jour., 58, No. 6 (June), pp. 644, 645.
- Rettger, L. F., and Harvey, S. C.
1908. Fatal septicemia in young chickens or white diarrhea. Jour. Med. Research, 18, No. 2 (May), pp. 277-290. (E. S. R., 20 p. 386)
- Rettger, L. F., Hull, T. G., and Sturges, W. S.
1916. Feeding experiments with Bacterium pullorum. The toxicity of infected eggs. Jour. Expt. Med., 23, No. 4 (Apr.), pp. 475-489. (E. S. R., 35, p. 264)
- Rettger, L. F., Kirkpatrick, W. F., and Card, L. E.
1915. Chickens: Milk feeding and its influence on growth and mortality.-- Comparative study of the value of sweet and sour milk. Conn. Storrs Sta. Bul. 80 (Apr.), pp. 28. (E. S. R., 33, p. 273)
- Rettger, L. F., Kirkpatrick, W. F., and Card, L. E.
1919. Bacillary white diarrhea of young chicks.--VII, Ovarian infection of the adult fowl and transmission of the disease through the oviduct. Conn. Storrs Sta. Bul. 101 (Jan.), pp. 73-88. (E. S. R., 41, p. 880)

- Rettger, L. F., Kirkpatrick, W. F., and Jones, R. E.
1914. Bacillary white diarrhea of young chicks (4th report). Conn. Storrs Sta. Bul. 77 (June), pp. 263-309. (E. S. R., 31, p. 484)
- Rettger, L. F., Kirkpatrick, W. F., and Jones, R. E.
1915. Bacillary white diarrhea of young chicks: Its eradication by the elimination of infected breeding stock (5th report). Conn. Storrs Sta. Bul. 85 (Dec.), pp. 151-167. (E. S. R., 35, p. 184)
- Rettger, L. F., Kirkpatrick, W. F., and Jones, R. E.
1916. Bacillary white diarrhea of young chicks.--VI, Second progress report on the elimination of infected breeding stock. Conn. Storrs Sta. Bul. 88 (Oct.), pp. 247-254. (E. S. R., 37, p. 383)
- Rettger, L. F., Kirkpatrick, W. F., and Stoneburn, F. H.
1912. Bacillary white diarrhea of young chicks (3rd report). Conn. Storrs Sta. Bul. 74 (Dec.), pp. 153-185. (E. S. R., 29, p. 288)
- Rettger, L. F., and Koser, S. A.
1917. A comparative study of Bacterium pullorum (Rettger) and Bacterium sanguinarium (Moore). Jour. Med. Research, 35, No. 3 (Jan.), pp. 443-458. (E. S. R., 37, p. 82.)
- Rettger, L. F., and Scoville, M. M.
1920. Bacterium anatum, n. s., the etiological factor in a widespread disease of young ducklings known in some places as "keel." Jour. Infect. Diseases, 26, No. 3 (Mar.), pp. 217-229. (E. S. R., 42, p. 779)
- Rettger, L. F., Slanetz, C. A., and McAlpine, J. G.
1926. Animal feeding experiments with Bacterium pullorum: The toxicity of infected eggs. Conn. Storrs Sta. Sta. Bul. 140 (Oct.), pp. 97-112, figs. 3.
- [Rettger, L. F., Slanetz, C. A., and McAlpine, J. G.]
1926. Toxicity of Bacterium pullorum in infected eggs. In Progress Report. Conn. Storrs Sta. Bul. 142 (Dec.), pp. 168, 169.
- Rettger, L. F., and Sperry, J. A.
1912. The antiseptic and bactericidal properties of egg-white. Jour. Med. Research, 26, No. 1 (Apr.), pp. 55-64.
- Rettger, L. F., and Stoneburn, F. H.
1909. Bacillary white diarrhea of young chicks (1st report). Conn. Storrs Sta. Bul. 60 (Dec.), pp. 33-57. (E. S. R., 22, p. 489)
- Rettger, L. F., and Stoneburn, F. H.
1911. Bacillary white diarrhea of young chicks (2nd report). Conn. Storrs Sta. Bul. 68 (Apr.), pp. 279-301. (E. S. R., 25, p. 590)
- Rice, J. E., and Botsford, H. E.
1925. Bacillary white diarrhea. In Practical Poultry Management. New York: John Wiley & Sons, Inc., and London: Chapman & Hall, Ltd., pp. 384-386.

- Rice, J. P.
1924. Some contagious diseases of poultry. Vet. Rec., 4, No. 10 (Mar.), pp. 207-214.
- Rice, J. P.
1924. Bacillary white diarrhoea. Vet. Rec., 4, No. 43 (Oct.), pp. 899-903.
- Rice, J. P.
1924. Bacillary white diarrhea. Natl. Poultry Jour., 5, Nos. 226 (Oct. 3), pp. 216, 217; 227 (Oct. 10), pp. 228, 229.
- Rice, J. P.
1926. Bacillary white diarrhea. In The more important bacterial and protozoal diseases of poultry. National Veterinary Medical Association of Great Britain and Ireland, Annual Congress at Dublin, 1926, (Sept.), pp. 57-73. (E. S. R., 56, p. 477)
- Rice, J. P.
1926 [Bacillary white diarrhoea.] Capt. Rice's reply to discussion by De Blieck. Vet. Rec., 6, No. 36 (Sept.), pp. 807, 808.
- Rice, J. P.
1927. [Bacillary white diarrhea.] In Poultry diseases--An urgent veterinary problem. (Presented to the Scottish Metropolitan Division of the National Veterinary Medical Association of Great Britain and Ireland. Nov. 3, 1926, pp. 10-13; Vet. Rec., 7, No. 2 (Jan.), pp. 33-44.
- Richardson, A. W.
1919. White diarrhea of fowls. N. H. Univ. [Agr.] Ext. Circ. 44 (June), pp. 4, figs. 2.
- Richardson, A. W.
1924. White diarrhea work. N. H. Sta. Bul. 212 (Jan.), p. 36.
- Riley, F. H.
1904. Another opinion on white diarrhea. Farm Poultry, 15, No. 17 (Sept.), p. 358.
- Roberts, E., and Card, L. E.
1925. Resistance of chicks to bacillary white diarrhea. Amer. Soc. Anim. Prod. Proc. (Dec.), pp. 113-115. (E. S. R., 54, p. 380)
- Roberts, E., and Card, L. E.
1925. Diarrhea resistance sought in chickens. Ill. Sta. Rpt. 1924, pp. 88, 89.
- Roberts, E., and Card, L. E.
1926. The inheritance of resistance to bacillary white diarrhea. Poultry Sci., 6, No. 1 (Oct.-Nov.), pp. 18-23.
- Roberts, E., and Card, L. E.
1926. Some chickens found resistant to white diarrhea. Ill. Sta. Rpt. 1925, p. 88.

[Roberts, E., and Card, L. E.]

1927. Chick-disease mortality low in resistant stock. Ill. Sta. Rpt.
1926, p. 77.

Runnells, R. A.

1925. Bacillary white diarrhea: Questions and answers. South. Planter, 86,
No. 17 (Sept. 1), p. 21.

Runnells, R. A.

1926. The effects of bacillary white diarrhea. South. Planter, 87, No. 1
(Jan.), p. 18.

Runnells, R. A., Coon, C. J., Farley, H., and Thorp, F.

1927. An application of the rapid-method agglutination test to the
diagnosis of bacillary white diarrhea infection. Jour. Amer.
Vet. Med. Assoc., 70, No. 5 (Feb.), pp. 660-662.

Runnells, R. A., and Van Roekel, H.

1927. The occurrence of white diarrhea infection in eggs laid by hens
reacting to the agglutination test. Poultry Sci., 6, No. 3
(Feb.-Mar.), pp. 141-147.

Salmon, D. E. (Revised by B.A. Gallagher and W.D. Foster)

1918. Bacterium pullorum infection of fowls. U. S. Dept. Agr. Farmers'
Bul. 957, rev., (Mar.), pp. 21, 22.

Scherago, M., and Benson, J. P.

1919. Experiments on the intradermal test for Bacterium pullorum. N. Y. State
Vet. Col. Rpt. 1918-19, pp. 183-191; Cornell Vet., 9, No. 2
(Apr.), pp. 111-119. (E. S. R., 41, p. 88.)

Schofield, M. A.

1925. Progress with accredited chicks. Calif. Cult., 45, No. 24 (Dec.),
p. 589.

Seddon, H. R.

1921. A record of the occurrence of bacillary white diarrhoea of chicks in
Australia. Australasian Assoc. Adv. Sci. Rpt. 1921, p. 365.

Seddon, H. R., and Carne, H. R.

1926. Bacillary white diarrhoea of chicks. N. S. Wales Dept. Agr., Sci.
Bul. 26 (Apr.), pp. 20-24.

Slocum, R. B.

1924. The accredited hatchery as a factor in standardizing market chickens
and eggs. Poultry Sci., 3, No. 2 (Jan.), pp. 60-64.

Smith, T., and Ten Broeck, C.

1915. Agglutination affinities of a pathogenic bacillus from fowls (fowl
typhoid) (Bacterium sanguiarium Moore) with the typhoid bacillus
of man. Jour. Med. Research, 31, No. 3 (Jan.), pp. 503-521.
(E. S. R., 32, p. 477.)

Smith, T., and Ten Broeck, C.

1915. The pathogenic action of the fowl typhoid bacillus with special reference to certain toxins. Jour. Med. Research, 31, No. 3 (Jan.), pp. 523-546, fig. 1. (E. S. R., 32, p. 478.)

Smith, T., and Ten Broeck, C.

1915. A note on the relation between B. pullorum (Rettger) and the fowl typhoid bacillus (Moore). Jour. Med. Research, 31, No. 3 (Jan.), pp. 547-555. (E. S. R., 32, p. 478)

Spray, R. S., and Doyle, L. P.

1921. Paratyphoid bacilli from chicks. Jour. Infect. Diseases, 28, No. 1 (Jan.), pp. 43-47. (E. S. R., 44, p. 683)

Stafseth, H. J.

1921. Bacillary white diarrhea of fowls. Mich. Sta. Quart. Bul., 4, No. 2 (Nov.), pp. 41, 42. (E. S. R., 46, p. 584)

Stafseth, H. J.

1922. [Bacillary white diarrhea testing.] Mich. Sta. Rpt. 1922, pp. 196-198. (E. S. R., 51, p. 180)

Stafseth, H. J.

1925. [Investigations of the agglutination test for B. pullorum.] Mich. Sta. Rpt. 1924, pp. 186, 187.

Stafseth, H. J.

1926. [Bacillary white diarrhea.] Mich. Sta. Rpt. 1925, pp. 195-197.

Stafseth, H. J., and Johnson, E. P.

1927. Atypical symptoms and lesions occurring in chicks harboring Bact. pullorum. Mich. Sta. Quart. Bul., 9, No. 4 (May), pp. 155-157.

Stafseth, H. J., and Mallmann, W. L.

1924. Prevalence of bacillary white diarrhea. Mich. Sta. Quart. Bul., 6, No. 3 (Feb.), pp. 130-132. (E. S. R., 51, p. 84)

Steiner, A. J.

1924. Bacillary white diarrhea. Ky. Sta. Circ. 33 (Apr.), pp. 3-8. (E. S. R., 51, p. 482)

St. John-Brooks, R., and Rhodes, M.

1923. The organisms of the fowl typhoid group. Jour. Path. and Bact., 26, No. 4 (Oct.), pp. 433-439. (E. S. R., 50, p. 185)

Taylor, W. J.

1916. A report upon an outbreak of fowl typhoid. Jour. Amer. Vet. Med. Assoc., 49, No. 1 (Apr.), pp. 35-49. (E. S. R., 35, p. 283.)

Termohlen, W. D.

1925. Giving bacillary white diarrhea the "knock-out." Poultry Tribune, 30, No. 8 (Apr.), pp. 16, 58, 59, fig. 1.

Thompson, W. C., and Dodson, L. S.

1922. Ovarian infection by Bacterium pullorum (bacillary white diarrhea). N. J. Stas. Bul. 363 (Mar.), pp. 50-53.

Tittsler, R. P.

1926. Technical studies upon bacillary white diarrhea. Pa. Sta. Bul. 204 (July), p. 26.

Truche, C.

1923. De la typhose aviaire. Bul. Soc. Cent. Méd. Vét., 99, No. 8 (Apr.), pp. 138-155; Ann. Inst. Pasteur, 37, No. 5 (May), pp. 478-497. (E. S. R., 50, pp. 82, 586.)

Truche and Staub

1925. Avian typhus. In Report on the present state of the researches on avian diseases at the Pasteur Institute of Paris. Book of the Second World's Poultry Congress. Barcelona, Spain. Held May 10-18, 1924. pp. 208-211.

Truche, C., and Urbain, A.

1923. Sensibilisatrices dues a Bacterium pullorum et a Bacterium sanguinarium. Compt. Rend. Soc. Biol. [Paris], 88, No. 17 (May), pp. 1275, 1276. (E. S. R., 49, p. 886)

Tulloch, W. J.

1927. A critical review of the present position of bacterial agglutination. Jour. Roy. Army Med. Corps, 48, Nos. 2 (Feb.), pp. 96-116; 3 (Mar.), pp. 192-203; 4 (Apr.), pp. 267-285; 5 (May), pp. 358-368; 6 (June), pp. 435-447.

Van Es, L.

1920. Bacillary white diarrhea in chicks. Nebr. Col. Agr. Ext. Bul. 58 (July), pp. 4.

Van Es, L., et al.

1927. Bacillary white diarrhea [with] tentative recommendations. In Report of Committee on Poultry Diseases. U. S. Livestock Sanit. Assoc. Rpt., 30 (Feb.-Mar.), pp. 236-239; Jour. Amer. Vet. Med. Assoc., 70, No. 6 (Mar.), pp. 922, 923.

van Heelsbergen, T.

1927. Ervararing opgedaan bij het onderzoek van pluimveeziekten in Nederland. Tijdschr. Diergeneesk., 54, No. 6 (Mar.), pp. 250-257, figs. 3; Eng. abs., p. 257.

Waite, R. H.

1921. Practical methods to control and prevent white diarrhea in chicks. Md. Sta. Bul. 244 (Aug.), pp. 27, 28.

Waite, R. H.

1925. A simple and effective system of management for the control of bacillary white diarrhea. Md. Sta. Bul. 274 (July), pp. 20. (E. S. R., 54, p. 777)

Wallis, W. T.

1905. The diarrhea question. *Farm Poultry*, 16, No. 15 (Aug. 1), p. 359.

Ward, A. R., and Gallagher, B. A.

1917. An intradermal test for Bacterium pullorum infection in fowls. U. S. Dept. Agr., Bur. Anim. Indus. Bul. 517 (Feb.), pp. 15. (E. S. R., 36, p. 884)

Ward, A. R., and Gallagher, B. A.

1920. Bacillary white diarrhea. In Diseases of Domesticated Birds. New York: Macmillan Co., 1920, pp. 68-80.

Weldin, J. C.

1927. Salmonella pullorum (Rettger), 1923. In The colon-typhoid group of bacteria and related forms, relationships and classification. Iowa State Col. Jour. Sci., 1, No. 2 (Jan.), pp. 165, 166.

Westphal, W.

1910. Der weisse durchfall, seine ursachen under heilung. *Deut. Landw. Gerflügel Ztg.*, No. 44; abs. in *Berlin Tierärztl. Wehnschr.*, 26, No. 50 (Dec.), p. 1001. (E. S. R., 24, p. 788)

Whitaker, H. D.

[1917] Bacillary white diarrhea of chicks. *Wash. Col. Ext. Serv. Poultry Ext. Circ.* 14 (June), p. 1.

Wilbur, O. M.

1927. Bacillary white diarrhea. *Me. Ext. Circ.* 94 (Jan.), pp. 4, fig. 1.

Winslow, C.-E. A., Kligler, I. J., and Rothberg, W.

1919. Studies on the classification of the colon-typhoid group of bacteria with special reference to their fermentative reactions. *Jour. Bact.*, 4, No. 5 (Sept.), pp. 429-503, fig. 1.

Zumbro, P. B.

1927. Poultry breeding plan to improve every flock in State. *Ohio Farmer*, 159, No. 5 (Jan. 29), pp. 22, 23.

ADDENDA

Buchanan, W. D.

1927. [The accredited hatchery.] In An economic study of poultry farming in western Washington. *Wash. Col. Sta. Bul.* 216 (June), p. 18.

Manninger, R.

1921. A csibék bakteriumos eredetu fehr hasmenésérol. *Allatorvosi Lapok*, 44, No. 19-20 (Oct. 30), pp. 111-113; Germ. abs. in *Deut. Tierärztl. Wehnschr.*, 30, No. 50 (Dec., 1922), p. 657.

Reinhardt, R.

1925. Bazilläre weisse ruhr der küken. In *Lehrbuch der geflügelkrankheiten*. Hannover: M. & H. Schaper, 2. ed., pp. 62-65.

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

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BY

DR. J. H. HARRIS

CHICAGO, ILL.

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ABSTRACT

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